

16. An isolated polynucleotide which encodes a polypeptide selected from the group consisting of SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:20, and SEQ ID NO:21.

17. The polynucleotide of claim 16 which is DNA.

18. The polynucleotide of claim 16 wherein said polynucleotide is selected from the group consisting of SEQ ID NO:16 and SEQ ID NO:18.

19. An isolated polynucleotide which encodes at least 15 contiguous amino acid residues of SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:20, or SEQ ID NO:21.

A2 20. The polynucleotide of claim 19 which is DNA.

21. An expression vector comprising the following operably linked elements:

a transcription promoter;

a DNA segment which encodes at least 15 contiguous amino acid residues of SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:20, or SEQ ID NO:21.; and

a transcription terminator.

22. The expression vector of claim 21 wherein the DNA segment encodes a polypeptide selected from the group consisting of SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:20, and SEQ ID NO:21.

23. The expression vector of claim 21 wherein the DNA segment encodes a chimeric polypeptide comprising a second mammalian polypeptide joined by a peptide bond to said polypeptide selected from the group consisting of SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:20, and SEQ ID NO:21.

24. The expression vector of claim 21, further comprising a secretory signal sequence operably linked to the DNA segment.